Amendments to the Specification:

Please replace paragraph beginning on page 7, line 3 with the following amended paragraph:

Furthermore, the present invention provides a computer readable medium encoded with a computer program comprising instruction for a computer-implemented method for temporal scalable moving-picture video signal coding. The method, when executed, causes the computer to execute ~~comprising~~ the steps of: converting an input interlaced moving-picture video signal into a progressive moving-picture video signal at the same frame rate as the interlaced moving-picture video signal; encoding the progressive moving-picture video signal to produce a first bitstream; encoding fields of the interlaced moving-picture video signal, the fields being different in time from frames of the progressive moving-picture video signal, with inter-picture prediction using a locally decoded picture signal as a reference video signal, the locally decoded picture signal being produced by locally decoding the progressive moving-picture video signal, thus producing a second bitstream; and multiplexing the first and second bitstreams into an output temporal scalable moving-picture video bitstream.

Please replace paragraph beginning on page 7, line 20 with the following amended paragraph:

Still furthermore, the present invention provides a computer readable medium encoded with a computer program comprising instruction for a computer-implemented method for temporal scalable moving-picture video signal decoding. The method, when executed, causes the computer to execute ~~comprising~~ the steps of: demultiplexing a bitstream produced by temporal scalable moving-picture coding into a first bitstream and a second bitstream, the first bitstream having been produced by encoding a progressive moving-picture video signal at the same frame rate as an interlaced moving-picture video signal to be reproduced, the second bitstream having been produced by encoding- fields of the interlaced moving-picture video signal, the fields being different in time from

frames of the progressive moving-picture video signal; decoding the first bitstream to reproduce a progressive moving-picture video signal; converting the reproduced progressive moving-picture video signal into a first field video signal having either even- or odd-number fields of the interlaced moving-picture video signal; decoding the second bitstream with inter-picture prediction using the reproduced progressive moving-picture video signal as a reference video signal, thus producing a second field video signal having fields of the interlaced moving-picture video signal, the fields of the second field video signal being different in parity from the fields of the first field video signal; and switching the first field video signal and the second, field video signal to output the interlaced moving-picture video signal.